

TYPICAL SECTION
P.C. CONCRETE PAVED SHOULDER

DESIGN QUANTITY TABLE ③									
①	E = 4'		E = 6'		E = 8'		E = 10'		
	Area Sq. Yds.	Volume Cu. Yds.	Area Sq. Yds.	Volume Cu. Yds.	Area Sq. Yds.	Volume Cu. Yds.	Area Sq. Yds.	Volume Cu. Yds.	Area Sq. Yds.
8.0"	44.44	9.876	66.67	14.816	88.89	19.753	111.11	24.691	
8.5"	44.44	10.493	66.67	15.742	88.89	20.988	111.11	26.234	
9.0"	44.44	11.110	66.67	16.668	88.89	22.223	111.11	27.778	
9.5"	44.44	11.727	66.67	17.593	88.89	23.457	111.11	29.321	
10.0"	44.44	12.344	66.67	18.519	88.89	24.692	111.11	30.864	
10.5"	44.44	12.962	66.67	19.445	88.89	25.926	111.11	32.407	
11.0"	44.44	13.579	66.67	20.371	88.89	27.161	111.11	33.950	
11.5"	44.44	14.196	66.67	21.297	88.89	28.395	111.11	35.493	
12.0"	44.44	14.813	66.67	22.223	88.89	29.630	111.11	37.037	
12.5"	44.44	15.432	66.67	23.148	88.89	30.864	111.11	38.580	

GENERAL NOTES:

Details indicated hereon illustrate the general requirements for construction of a paved shoulder consisting of PCC Base except all joints shall be sealed as specified for "Portland Cement Concrete Pavement" in the current Standard Specifications. Unless otherwise specified, Class A Concrete shall be used.



Any special shaping of subgrade necessary, prior to construction of paved shoulders, shall be accomplished as directed by the Engineer. Any material removed due to this special shaping may be used as earth fill, Class 10 excavation, Class 13 excavation, or on other suitable areas on the project as approved by the Engineer.

The subgrade beneath Paved Shoulders shall be constructed in conformance with specifications for Natural Subgrade. "Special Backfill" material shall be paid for as specified in Article 2102.14, Paragraph D. Payment shall be based on a uniform 150 millimeter thickness. The thickness may be exceeded at the Contractor's option with no compensation for the additional material.

For rumble strip details see Standard Road Plan RH-41D.

The price bid for "Portland Cement Concrete Paved Shoulder" thickness as specified, in square meters. And "Special Backfill" in megagrams, shall be considered full compensation for the construction of shoulder as detailed hereon. Joint construction, rumble strips, special shaping, earth shoulder fill and/or furnishing and finishing material for edge treatment fillet shall be considered incidental to the price bid for "Portland Cement Concrete Paved Shoulder".

- ① Refer to the appropriate Detail Drawing.
- ② "L-2", "KT-2" or modified "BT-3" Joint. Modified "BT-3" requires a keyway. Contractor option to pour either the tongue or groove of the keyway with the mainline pavement. Refer to Standard Road Plan RH-51.
- ③ Quantities indicated are for design purposes and may be adjusted at time of construction if so directed by the engineer. Quantities listed are for one shoulder per station.

 Iowa Department of Transportation Highway Division	
STANDARD ROAD PLAN RH-41B	
REVISION: Show flatter than 6:1 slope and actual 6:1 slope.	REVISION NO. 13
 APPROVED BY DESIGN METHODS ENGINEER	REVISION DATE 10-29-02
PAVED SHOULDER FULL DEPTH P. C. CONCRETE (ADJACENT TO PCC PAVEMENT)	